

## Ordering Information

Type	Lamps	Lamp Type	Length	Ballast	Voltage	Options
LSAW	1	28 = 28 Watts 54 = 54 Watts	4 = 4 Foot 8 = 8 Foot 12 = 12 Foot	Blank = Static E = Emergency D = Dimming (54W only)	1 = 120 VAC 2 = 277 VAC 3 = 347 VAC (Static only)	Blank = No Options X4 = 4th Through Wires X5 = 5th Through Wires

Complete ordering instructions below.

## Features

- Housing:** 18 gauge die-formed pierced steel. 1/4" Aluminum end caps with access for through wiring. No exposed fasteners or hardware.
- Lamping:** 1-T5, 28 or 54 watt fluorescent lamp per 4' section. By others.
- Reflector:** Precision die-formed, high reflectivity, and low iridescent aluminum.
- Diffuser:** Opal acrylic.

## Electrical

Ballast is electronic, meeting A.N.S.I. starting, end of life protection, T.H.D., A sound rating, and end-of-life specifications. 3 Conductor 18 gauge wire. Color-coded quick connectors allow ease of connection for fixture modules. For special circuitry consult factory.

**Dimming:** Advance Mark X. Use Advance compatible 2 wire control (no extra lead required).

**Emergency Battery Pack:** 54 Watt: 390-700 Lumens @ 90 min.  
28 Watt: 370-520 Lumens @ 90 min.

## Finish

Powder coated baked white enamel. Custom colors available, consult factory.

## Mountings

Luminaires joined at 1-3/4" wide channel only. Housings are not contiguous. There is a 1" separation between housings on 8' and 12' fixtures (see bottom view drawing above). When fixtures are joined there will be the same 1" separation between housings as on the 8' and 12' luminaires.

## Options and Accessories

**Dual Switching:** Order the DS option for separate row switching. DS option comes complete with the 4 through wire option.

**4 and 5 wire:** Order X4 for EM Battery Pack. For non-standard dimming options; order X5 option for Osram or DALI 54 watt dimming and ESI 28 & 54 watt

**Digital Dimming:** Order X4 option for Lutron HiLume or ECO-10 54 Watt dimming.

**Consult Factory** for any additional wiring conditions.

## Labels

UL, cUL, and I.B.E.W.

## Ordering Instructions

### Individual Fixtures:

- Order number of MODULES required.
- Order one END SET per MODULE.

### Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES for the complete run.
- Order one END SET for each run.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

Lightolier a Genlyte Thomas Company  
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
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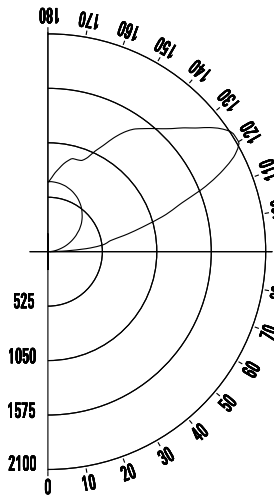
# Lighting Systems Lytespread™ Alpha Wall Mount **LSAW-1**

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1 Light T5 Per 4' (Nominal) Section

## Performance - 54W T5

### Candlepower Curve



Report No: ITL52310  
Cat No: LSAW154  
Lamps: 1-F54T5  
Lumens: 5000  
Efficiency: 82.4%

### Candlepower Summary

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
180	673	673	673	673	673
175	760	753	73	707	674
165	929	921	861	764	655
155	1066	993	890	793	612
145	1442	1353	1021	785	550
135	1678	1553	1238	709	467
125	2060	1872	1342	768	369
115	1865	1869	1540	758	256
105	976	1009	1002	766	141
95	411	430	350	250	41
90	24	22	7	2	0
85	31	27	15	5	0
75	41	38	25	14	6
65	48	45	34	25	17
55	51	49	41	33	26
45	51	50	45	40	32
35	51	51	48	45	38
25	52	52	51	49	43
15	52	53	52	48	44
5	47	47	47	45	44
0	44	44	44	44	44

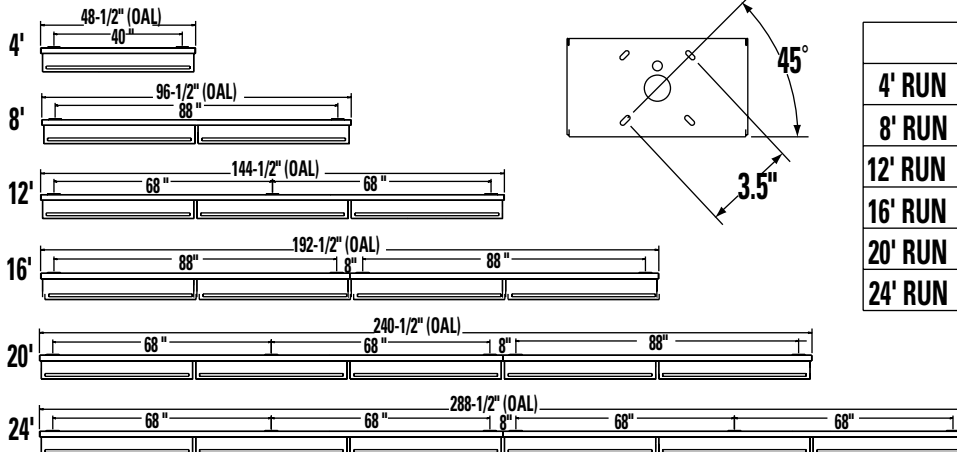
### COEFFICIENTS OF UTILIZATION

	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	80	80	80	69	69	69	48	48	48
1	69	66	63	60	57	55	42	40	39
2	60	56	52	52	48	45	36	34	32
3	53	47	43	46	41	37	32	29	27
4	47	41	36	40	35	31	28	25	23
5	41	35	30	36	30	27	25	22	19
6	37	30	26	32	27	23	22	19	16
7	33	27	22	28	23	20	20	17	14
8	29	24	19	26	21	17	18	15	12
9	27	21	17	23	18	15	16	13	11
10	24	19	15	21	16	13	15	12	10

### ZONAL LUMEN SUMMARY

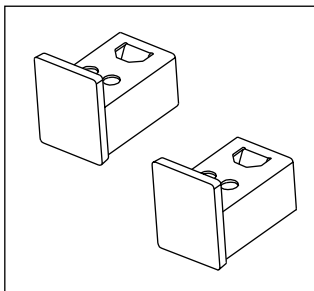
ZONE	LUMENS	% BARELAMP	% LUMINAIRE
0 - 90	153	3.1	3.7
90 - 180	3965	79.3	96.3
0 - 180	4118	82.4	100.0

## Fixture Lengths & Mounting Locations



	4'	8'	12'	END
4' RUN	1			1
8' RUN		1		1
12' RUN			1	1
16' RUN		2		1
20' RUN		1	1	1
24' RUN			2	1

## Mounting Accessories



Pair of End Caps:  
LSAWE

### Job Information

Type:

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